Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028772.D
Acq On : 19 Nov 2023 12:14
Operator : MA/JU
Sample : 05370-11MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Quant Time: Nov 20 01:35:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
GCDQ6MS

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.883 | 152 | 5365m | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.505 | 136 | 16664 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.320 | 164 | 10834 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.089 | 188 | 17998 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.288 | 240 | 15048 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.571 | 264 | 12618 | 0.400 | ng/ul | # 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.120 | 96 | 2563 | 0.432 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.122 | 152 | 6733 | 0.268 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.116 | 212 | 31860 | 0.658 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.150 | 88 | 6859 | 1.047 | ng/ul# | 91 |
| 5) Naphthalene | 10.554 | 128 | 17416 | 0.373 | ng/ul | 96 |
| 7) 2-Methylnaphthalene | 12.199 | 142 | 7646 | 0.249 | ng/ul | 96 |
| 8) 1-Methylnaphthalene | 12.369 | 142 | 10600 | 0.339 | ng/ul | 100 |
| 10) Acenaphthylene | 14.047 | 152 | 23363 | 0.432 | ng/ul | 98 |
| 11) Acenaphthene | 14.385 | 153 | 18892 | 0.475 | ng/ul | 99 |
| 12) Fluorene | 15.393 | 166 | 17646 | 0.381 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.738 | 266 | 3982 | 0.922 | ng/ul | 99 |
| 15) Phenanthrene | 17.127 | 178 | 28517 | 0.516 | ng/ul | 98 |
| 16) Anthracene | 17.232 | 178 | 17168 | 0.339 | ng/ul | 97 |
| 19) Fluoranthene | 19.144 | 202 | 37522 | 0.586 | ng/ul | 99 |
| 20) Pyrene | 19.507 | 202 | 42321 | 0.638 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.277 | 228 | 22871 | 0.384 | ng/ul | 99 |
| 22) Chrysene | 21.329 | 228 | 29375 | 0.505 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.881 | 252 | 25068 | 0.529 | ng/ul | 90 |
| 25) Benzo(k)fluoranthene | 22.931 | 252 | 30569 | 0.616 | ng/ul | 95 |
| 26) Benzo(a)pyrene | 23.475 | 252 | 24794 | 0.555 | ng/ul# | 78 |
| 27) Indeno(1,2,3-cd)pyrene | 25.919 | 276 | 29712 | 0.599 | ng/ul | 97 |
| 28) Dibenzo(a,h)anthracene | 25.943 | 278 | 22833 | 0.576 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.627 | 276 | 25744 | 0.633 | ng/ul | 97 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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